

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Identifier	DYNAMITE PLANT FOOD™ CONTROLLED RELEASE FERTILIZER
Manufacturer	Chisso-Asahi Fertilizer Company, Tokyo Japan
Supplier	ENVIRO-SAFE LABORATORIES, INC. 17455 SW 167 Avenue Miami, Florida 33187
Emergency Phone	1 (800) 235-7683
Product Use	Controlled Release Fertilizer For Plants

HAZARDOUS INGREDIENTS

Hazardous Ingredients	C.A.S./N.A./UN No	%	LD50
Potassium Nitrate	CAS 7757-79-1	19-23	ND
Ammonium Nitrate	CAS 6482-52-2	38-44	4820mg/kg
Resin Coating		8-12	
WHMIS Classification	Class C - Oxidizer		

PHYSICAL DATA

Physical State		Odor and Appearance
SOLID		GREY PRILLS
OdorThreshold	NA	Specific Gravity (H2O = 1) 1.8
Vapor Pressure	ND	Vapor Density ND
Evaporation Rate	ND	Boiling Point NA
Freezing Point	NA	Density 1g/ml

DYNAMITE

FIRE AND EXPLOSION HAZARD

Flammability NON-FLAMMABLE

Means of Extinction

USE FLOODING QUANTITIES OF WATER. DO NOT USE WATER JET.
WEAR SCBA AND FULL PROTECTIVE CLOTHING. THIS MATERIAL IS AN
OXIDIZER AND THEREFORE INCREASES THE INTENSITY OF ANY FIRE.

Flashpoint - NA UEL - NA LEL - NA

Auto-Ignition Temperature TDG Flammability Class
ND NON-FLAMMABLE

Hazardous Combustion Products

TOXIC FUMES OF NO_x WHEN HEATED TO DECOMPOSITION

REACTIVITY DATA

Chemical Stability

STABLE

Incompatibility

REDUCING AGENTS, ORGANICS

Conditions of Reactivity

MOIST, WET CONDITIONS OR FIRE

Hazardous Decomposition Products

OXIDES OF NITROGEN, HEAT

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY
EXPOSURE

EFFECTS OF ACUTE OR CHRONIC

SKIN CONTACT-

NO KNOWN EFFECTS

SKIN ABSORPTION-

NOT KNOWN TO BE ABSORBED THROUGH THE
SKIN.

EYE CONTACT-

NO KNOWN EFFECTS

INHALATION-

VERY LOW VAPOR ACTIVITY. IF HEATED COULD
RELEASE OXIDES OF NITROGEN WHICH CAN BE
TOXIC BY INHALATION.

DYNAMITE

TOXICOLOGICAL PROPERTIES (CONTINUED)

INGESTION- EXCESSIVE INGESTION MUST OCCUR BEFORE ANY HEALTH HAZARD RESULTS. EFFECTS OF OVEREXPOSURE MAY INCLUDE NAUSEA, VOMITING, DIARRHEA, WEAKNESS OR CONVULSIONS.

Exposure Limits	Synergistic Products
ND	ND
Sensitization/Irritancy	
NON-IRRITATING	
Carcinogenicity/Teratogenicity/Mutagenicity/Reproductive Effects	
NONE KNOWN	

PREVENTIVE MEASURES

Personal Protective Equipment	
RESPIRATORY-	NONE NEEDED UNDER NORMAL USE CONDITIONS.
EYES-	NONE NEEDED
GLOVES-	NONE NEEDED

Engineering Controls
NONE NEEDED

Spill Procedure
SWEEP UP AND APPLY AS FERTILIZER

Disposal
DISPOSE OF IN NON CROP AREAS AWAY FROM WATERWAYS. IN ACCORDANCE WITH FEDERAL AND LOCAL REGULATIONS.

Handling Procedures and Equipment
NO SPECIAL HANDLING PROCEDURES REQUIRED

Storage Requirements
KEEP OUT OF REACH OF CHILDREN. STORE IN A DRY PLACE. PROVIDE ADEQUATE VENTILATION.

DYNAMITE

PREVENTIVE MEASURES (CONTINUED)

Shipping Information

SHIPPING NAME- AMMONIUM NITRATE FERTILIZERS
UN NUMBER- 2071 PACKING GROUP-III
PLACARD- 9 MISCELLANEOUS PRODUCTS OR SUBSTANCES
SPECIAL PROVISION- 44,83,100

FIRST AID MEASURES

SKIN-	WASH WITH SOAP AND WATER.
EYES-	FLUSH IMMEDIATELY WITH LARGE AMOUNT OF WATER.
INHALATION-	IF FUMES ARE INHALED FROM HEATED FERTILIZER AND BREATHING HAS STOPPED, BEGIN ARTIFICIAL RESPIRATION. IF BREATHING IS LABORED, GIVE OXYGEN. SEEK MEDICAL ATTENTION.
INGESTION-	FOR LARGE AMOUNTS SEEK MEDICAL ATTENTION IMMEDIATELY. INDUCE VOMITING IF PATIENT IS CONSCIOUS.

ADDITIONAL INFORMATION

PREPARATION INFORMATION

DEPARTMENT	PHONE NUMBER	DATE
TECHNICAL 1994	1(800)235-7683	FEBRUARY 4,

DETERMINED **ND- NOT**